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TECHNICAL DATA SHEET

Silube[®] CS-I
Carboxy Silicone

DESCRIPTION

Silube[®] CS-I is an anionic succinic-based carboxylate. It is a 100% active water-soluble silicone and is therefore compatible with a wide range of surfactants. When neutralized it is self-emulsifying in water and soluble or dispersible in many solvents. **Silube[®] CS-I** has an INCI name of Dimethicone PEG-8 Succinate.

TYPICAL PROPERTIES

Appearance	Clear to slightly hazy liquid
Colour, Gardner	3 max
Acid Value	50
Equilibrium Surface Tension	27 mN/m
Critical Micelle Concentration	82 mg/L
Solubility	Soluble in water, isopropanol, ethanol

USES AND APPLICATIONS

Silube[®] CS-I applications include

- Attracts and couples fragrance oils to fibrous and porous substrates. When added to fragrant compositions at approximately 1% (w/w), it slows the release of fragrance oils from surfaces without changing the throw or noticeable fragrance.
- Reduces tack and soapy feel in clear deodorant sticks.
- An excellent lubricant and conditioner for hair without build-up of oily conditioners.
- Aids in reducing tack and stickiness in creams and lotions.
- Complexing cationic surfactants and fatty quaternary compounds into water-soluble or water dispersible products.
- For emulsifying water insoluble silicones and amino functional silicones.
- Added to hard surface cleaners to enhance detergency, gloss and lubricity.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information

STORAGE AND SHELF LIFE

When stored between 10 and 40°C in the original unopened container, **Silube[®] CS-I** has a shelf life of 36 months from the date of manufacture

PACKAGING

Silube[®] CS-I is available in 20 Kg and 200 Kg containers.

LEGAL DISCLAIMER

Siltech Corporation believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Siltech Corporation, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.

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